Purchase Order Receipt Listing

Tuesday, June 13, 2017 1:46:11 PM

All amounts are calculated in domestic currency.

All Vendors PO ID PO36617 All Receipt Dates All Line Item Types All Item ID/GL/WOs All Rec. Employees All Currencies Grouped by Vendor ID

Door A	Book Amt	80.00		80.00	37.0000
MDB Oc.	MRB Reject Qty	0	0	0 0	uantity:
Inspected Ott.	Rejected Qty (PO U/M)	0.0000	0.0000	0.0000	Total Received Quantity:
Cost Per Unit/	Recv Value				Total
Recv	Oty (PO U/M)	36.0000		1.0000	
Recv	Date/ Recv Emp	6/13/2017	PLOU01	6/16/2017 6/13/2017 1.0000 PLOU01	
Required Date	Required Qty	6/16/2017	36.0000	6/16/2017	
PO U/M /	Stock U/M	TW Metals .000W.06 f	g 1" fick	LNS	
Reference/	Description/ Cert Std	VU-TWM001 TW Metals M2024T3T1.000W.06 f 5	2024T3 Tubing 1" OD x 0.65" Thick m137776	71401-45 PROCUREMENT QUALITY CLAUSES m137776	
Project ID					
Line	Nbr/ Insp Req	dor Nam 1	No No	No No	
Purchase	Order ID/ Curr Type	VendorID\Vendor Name PO36617 1	OSD		

\$0.000

Total Reject Quantity:
Total Receipt Value:
Total Balance Due Quantity:





Packing Slip

ORDER NO.: 60633598 FROM: CRAN

CUST NUMBER: 1203820 NET WGT:

8.243 REQ.DATE: 06/16/17 CONFIRMED

SOLD TO:

DART AEROSPACE LTD

1270 ABERDEEN ST

HAWKESBURY ON

CANADA

CN K6A 1K7

SHIP TO:

DART AEROSPACE LTD 1270 ABERDEEN ST

HAWKSBURY ON

ONTARIO CANADA

CN K6A 1K7

TERMS: F.O.B.:

SALESPERSON: DONNA SMALLEY NET 30 DAYS

SHIPPING POINT

CUST ORD NO.: PO36617

SHIP BY:

VIA:

06/09/17

COMMON CARRIER PREPAID

FREIGHT: / RELEASE NO.:

RECEIVING PHONE:

WIDTH

LENGTH

12 FT ML

ORD QTY 36.000 FT

LINE ITEM DESCRIPTION

INVOICE QTY

INVOICE QTY SHIPPED QTY 36.000 FT 36.000 FT

V

** 1 TEST REPORTS REQUIRED **

0001 43260 D2024-T3 1 OD X .065 WA

** 1 CERTS REQUIRED **

MLT:UNITED STATES MFG:UNITED STATES SLB/CL:219348

BROKERS KUEHNE AND NAGEL LTD

AREA TYPE OF PKG

NEW PEN CARTON

---- PACK INFO ----PKGS GRS WEIGHT WIDTH 1.000 18.243 4.0000

4.0000

LENGTH 150.0000

Box No - TWPK17002090

1.000 18.243

BY: RT 000-

UNLOAD TYPE: NONE SPECIFIED

DATE SHIPPED

DATE FILLED





CERTIFIED TEST REPORT

http://Online.KaiserAluminum.com

KAISER ALUMINUM FABRICATED PRODUCTS, LLC 6573 W. WILLIS ROAD CHANDLER, AZ 85226

CUSTOMER PO NUMBER: CUSTOMER PART NUMBER:				PRODUCT DESCRIPTION:					
M49341478-1 43260				Drawn Seamless	Drawn Seamless Tube/Pipe				
KAISER ORDER NUMBE	R: LINE ITEM:	1	SHIP DATE:	KAISER LOT NUMBER	: ALLOY:	TEMPER:			
219348	001		11/02/2015	F00201248	2024	T3			
WEIGHT SHIPPED: QUANTITY: 379.000 LB 138.000 PCS			B/L NUMBER:	DIAM: DAF/THKNS:	WIDTH:	LENGTH:			
		220262			12.000 FT				
SHIP TO:				SOLD TO:					
TW METALS INC 27 ENGLEHARD EXIT 8A OFF NJ MONROE TWP, I	DRIVE TPK	 SA		760 CONSTITUT	TW METALS INC 760 CONSTITUTION DRIVE SUITE 204 EXTON, PA 19341 USA				

Actual Physical Properties

REFERENCE	DASH#	SAMPLE#	UTS (KSI)	YTS (KSI)	ELONG%	HARDNESS	CON%IACS	BEND
F00201248	0001	1	69.9	50.0	22.5	N/A	N/A	N/A

Chemical Composition (wt%), Aluminum Remainder

LIMITS	Si	Fe	Cu	Mn	Mg	Cr	Zrı	Ti	Pb	Bi	Zr	Ea	Tot
Maximum	0.50	0.50	4.90	0.90	1.80	0.10	0.25	0.15	NA	NA	NA	0.05	0.15
Minimum									NA	NA	NA	0.00	0.00
D82179	.10		4.60	.72		.01		.02	.00	.00	.01	.05	.06

Applicable Requirements:

Description: OD: 1.0000"; Wall: 0.0650"; Round @ AMS-4088% AMS-WW-T-700/3A ASTM B210-12
This Product Complies to FAR BAA, DFARS BAA, FAR TAA COMPLIES TO DIN EN 10204 JAN 2005
No Weld Repair. Mercury Free.

Miscellaneous Notes

MANUFACTURED IN USA MELTED IN USA
MATERIAL COMPLIES WITH FAR BAA (FAR 52.225-1, BUY AMERICAN ACT SUPPLIES), DFARS BAA
(DFARS 252.225-7001 BUY AMERICAN ACT & BAL OF PAYMENTS PROG), AND FAR TAA (FAR 52.225-5
TRADE AGREEMENTS).

Plant Serial: 00020683 Kaiser Order Number: 219348

W METALS

Line Item: 001





CERTIFIED TEST REPORT

http://Online.KaiserAluminum.com

KAISER ALUMINUM FABRICATED PRODUCTS, LLC 6573 W. WILLIS ROAD CHANDLER, AZ 85226

CERTIFICATION

Kaiser Aluminum Fabricated Products, LLC ('Kaiser') hereby certifies that metal shipped under this order has been inspected and tested and found in conformance with the applicable specifications forming a part of the description set forth in Kaiser's sales acknowledgement form. Any warranty is limited to that shown on Kaiser's general terms &conditions of sale. Test reports are on file subject to examination.

Nathaniel Stevens, Quality Manager

Plant Serial: 00020683 Kaiser Order Number: 219348

Line Item: 001





Packing gil

ORDER NO.: 60633598

FROM: CRAN

PAGE 2

CUST NUMBER: 1203820 NET WGT:

SOLD TO:

DART AEROSPACE LTD 1270 ABERDEEN ST HAWKESBURY ON

CANADA

CN K6A 1K7

SALESPERSON:

TERMS: F.O.B.:

CUST ORD NO .:

VIA:

FREIGHT:

RELEASE NO.:

RECEIVING PHONE:

DONNA SMALLEY NET 30 DAYS

SHIPPING POINT P036617

COMMON CARRIER

PREPAID

8.243 REQ.DATE: 06/16/17 CONFIRMED

SHIP TO:

DART AEROSPACE LTD 1270 ABERDEEN ST HAWKSBURY ON

ONTARIO CANADA

CN K6A 1K7

SHIP BY:

06/09/17

27 ENGLEHARD DRIVE

MONROE TWP

NJ 08831

"TW Metals MSDS data is available on our web site at www.twmetals.com. MSDS data can be found under the Technical Resources Tab, Product Statistics & Data and the TW Metals MSDS's heading. If you do not have web site access you may telephone 610-458-1300 and we will mail or fax a copy of our current MSDS data to your location."

"CERTIFICATE OF CONFORMANCE"

"TW Metals certifies that the material supplied on this purchase order and contained in the heat/lot number referenced above has been manufactured, inspected, and tested in accordance with the material specification. These records are on file at TW Metals. Packaging material for shipments to Europe and China consists of manufactured wood products and complies with the European emergency measures for coniferous non-manufactured wood packing material"

Authorized Test Report Clerk Com Mc Mule

Date:

These commodities have been exported from the United States in accordance with the U.S. export control laws, export administrations regulations. Diversion contrary to U.S. law prohibited.

MATERIAL RECEIPT INSPECTION FORM

MATERIAL CERT REC'D. QUANTITY RECEIVED: 36 QUANTITY RECEIVED: 36 QUANTITY RESCRECTED: 36 QUANTITY REJECTED: 36 NCR CHECK CHECK Y/N/) SURFACE DAMAGE Y/N/) SURFACE DAMAGE Y/N/) CORRECT FINISH CORRECT GRAIN DIRECTION CORRECT GRAIN DIRECTION CORRECT GRAIN DIRECTION CORRECT MATERIAL PER M-DRAWING CORRECT MATERIAL IDENTFICATION CORRECT MON THE MATERIAL DOES THIS MATERIAL REQUIRE ENGINEERING SIGN OFF OLIS THIS REQUIRE AN EXTRUSION REPORT CUT SAMPLE PIECE OF MATERIAL AND PREFORM A HARDNESS CHECK. RECORD RESULTS BELOW TYPE OF MATERIAL SIZE OF TEST SAMPLE HARDNESS / DUROMETER READING [Insters Jocated in the Quality Office] ENGINEERING SIGNOFF (if required) [Insters Jocated in the Quality Office]	MATERIAL: <u>M303</u> 4 DATE: <u>17</u>	-1.0	900XV + 01	65	PC) / BATCH NO.:	PO3C6/7//	1137776	
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Attach this inspection sheet with the corresponding material cert and remit to be scanned and received in

SIGNED OFF BY:

Patrick Duval

From:

Patrick Smith

Sent:

Wednesday, June 28, 2017 8:17 AM

To:

Chris Provencal; Linda Lacelle

Cc:

Mario Poulin; Robert Aboud; Chantal Lavoie; Eric Downing; Patrick Duval; David Duval

Subject:

RE: material M2024T3T

Chris,

I spoke to the engineering group at Airbus regarding the Trailing Bar Assembly SK145-0114 and they have started the process to update the drawing with the correct material specification.

They predict it will take up to two weeks to complete this, but until then they will make a concession/deviation to the drawing and provide that as soon as it is complete.

Pat

From: Patrick Smith

Sent: Monday, June 26, 2017 9:16 AM

To: Chris Provencal < cprovencal@dartaero.com; Linda Lacelle < llacelle@dartaero.com>

Cc: Mario Poulin < mpoulin@dartaero.com >; Robert Aboud < raboud@dartaero.com >; Chantal Lavoie

<<u>clavoie@dartaero.com</u>>; Eric Downing <<u>edowning@dartaero.com</u>>; Patrick Duval <<u>pduval@dartaero.com</u>>; David

Duval < dduval@dartaero.com **Subject:** RE: material M2024T3T

Chris,

I will reach out to Airbus regarding this today and let you know. It's only a 21 page document.

Pat

From: Chris Provencal

Sent: Monday, June 26, 2017 9:05 AM

To: Patrick Smith < psmith@dartaero.com >; Linda Lacelle < llacelle@dartaero.com >

Cc: Mario Poulin < mpoulin@dartaero.com >; Robert Aboud < raboud@dartaero.com >; Chantal Lavoie

<<u>clavoie@dartaero.com</u>>; Eric Downing <<u>edowning@dartaero.com</u>>; Patrick Duval <<u>pduval@dartaero.com</u>>; David

Duval <<u>dduval@dartaero.com</u>> **Subject:** RE: material M2024T3T

Engineering can create dwg M2024T3T for this material and there is no internal issue with using ASTM B210. My only question: the Airbus dwg doesn't call for that spec, do we need a disposition from Airbus to use this material?

Chris

From: Patrick Smith

Sent: Monday, June 26, 2017 8:59 AM

To: Linda Lacelle lacelle@dartaero.com

Cc: Mario Poulin < mpoulin@dartaero.com >; Chris Provencal < cprovencal@dartaero.com >; Robert Aboud

<<u>raboud@dartaero.com</u>>; Chantal Lavoie <<u>clavoie@dartaero.com</u>>; Eric Downing <<u>edowning@dartaero.com</u>>; Patrick Duval <<u>pduval@dartaero.com</u>>; David Duval <<u>dduval@dartaero.com</u>>

Subject: RE: material M2024T3T

Linda,

This still requires a formal acceptance to the material which was received, whether it is airworthy or not.

We have launched a five year contract to supply these parts.

Can this spec be added to the BOM, so in the future we avoid this issue?

Pat

From: Linda Lacelle

Sent: Monday, June 26, 2017 7:09 AM

To: Patrick Smith compsmith@dartaero.com; Patrick Duval cpduval@dartaero.com

Cc: Mario Poulin < mpoulin@dartaero.com >; Chris Provencal < cprovencal@dartaero.com >; Robert Aboud

<raboud@dartaero.com>; Chantal Lavoie <clavoie@dartaero.com>; David Duval <dduval@dartaero.com>; Eric Downing

<<u>edowning@dartaero.com</u>> **Subject:** RE: material M2024T3T

This is for SK145-0114-01 - Trailing Bar Assembly, Rotor Blade, Folding (661K1891-105A), not an airworthy part and is due to ship on July 25

L

From: Patrick Smith

Sent: Saturday, June 24, 2017 1:15 PM
To: Patrick Duval pduval@dartaero.com

Cc: Mario Poulin mpoulin@dartaero.com; Chris Provencal cprovencal@dartaero.com; Robert Aboud

<raboud@dartaero.com>; Chantal Lavoie <clavoie@dartaero.com>; Linda Lacelle <llacelle@dartaero.com>; David Duval

<dduval@dartaero.com>; Eric Downing <edowning@dartaero.com>

Subject: RE: material M2024T3T

Pat,

Is there an urgent requirement for the use of the material, if there is the material can be issued to a work order under positive recall according the QSI 020 chapter 6.2.

I would suggest that we talk to Chris, Robert and Mario to ensure we are all on the same page for releasing this material.

Pat

From: Patrick Duval

Sent: Saturday, June 24, 2017 6:36 AM

To: Patrick Smith psmith@dartaero.com

Subject: FW: material M2024T3T

Importance: High

Following up on this...

From: Patrick Duval

Sent: Tuesday, June 20, 2017 2:58 PM

To: Patrick Smith cprovencal@dartaero.com; Chris Provencal (cprovencal@dartaero.com) cprovencal@dartaero.com

Cc: Mario Poulin (mpoulin@dartaero.com) < mpoulin@dartaero.com>; Robert Aboud (raboud@dartaero.com) < raboud@dartaero.com>; Chantal Lavoie (clavoie@dartaero.com) < clavoie@dartaero.com>; Linda Lacelle

(<u>llacelle@dartaero.com</u>) < <u>llacelle@dartaero.com</u>>; David Duval (<u>dduval@dartaero.com</u>) < <u>dduval@dartaero.com</u>>; Eric

Downing (edowning@dartaero.com) <edowning@dartaero.com>

Subject: FW: material M2024T3T

Importance: High

Pat,

The material that we received for the Airbus SK 145 doesn't have the spec that airbus ask on their drawings (see attach for detail), will this be acceptable and who can deviate Airbus drawing. This will need to be looked in pretty quick, because production will be asking for it.

Pat. D.

From: Patrick Duval

Sent: Monday, June 19, 2017 4:35 PM

To: Chris Provencal (cprovencal@dartaero.com) < cprovencal@dartaero.com>

Cc: Robert Aboud (raboud@dartaero.com) < raboud@dartaero.com >; Chantal Lavoie (clavoie@dartaero.com)

<<u>clavoie@dartaero.com</u>> **Subject:** material M2024T3T

Chris,

Can you please look at NCR17-6460. I can see from your email that material M2024T3T should be as per AMS-QQ-250/4 specs, but we actually receive material par ATSM B210-12. Please look into this ASAP, if this material doesn't conform we will need to send it for replacement.

Pat Duval QC Coordinator T: 1-613-632-5200 ext. 288 F: 1-613-632-5246 www.dartaero.com pduval@dartaero.com

[™]DART



Dart Aerospace Ltd. 1270 Aberdeen Street Hawkesbury, ON K6A 1K7 Tel: 613 632 9577

Fax: 613 632 1053

PURCHASE ORDER

Purchase Order ID PO36617

Purchase Order Date 6/8/2017 PO Print Date 6/8/2017

Page Number 1 of 2

Order From:

TW METALS PO BOX 933014 ALTANTA, GA 31193-3014 VU-TWM001

Ship To: DART AEROSPACE LTD

1270 ABERDEEN

HAWKESBURY, ON K6A 1K7

CANADA

JUN 0 8 2017

Contact Name

Vendor Phone

Ship To Phone

585 768 5600

Buyer

Chantal Lavoie

Customer POID

Ship To Contact

Customer Tax#

10127-2607

Terms

Net 30 USD

Currency

Ship Via: Ship Acct: YRC COLLECT

FOB

FCA - (Free Carrier)

Line Reference Description/ Req Date/ CD Req Qty/ Nbr Mfg ID Taxable Unit of Vendor Part Number Measure **Line Comments Promise Date Delivery Comments** M2024T3T1.000W.065 2024T3 Tubing 1" OD x 36.00 6/16/2017 0.65" Thick

AS PER MATERIAL 2024-T3 ROUND TUBING, MAT'L SPEC'S AMS-QQ-A-250/4

Line Total:

R146-13.

PO Unit Price

\$270.00

Extended

\$270.00

Price

71401-45

PROCUREMENT **QUALITY CLAUSES**

6/16/2017

6/16/2017

No

Yes 6/16/2017

1.00

\$0.00

\$7.50

Procurement Quality Clauses

A005 right of entry

A012 chemical and physical test report

A016 personnel qualification

A017 raw material identification

A026 certification of material conformance

A041 quality management system

A042 dart notification by supplier

A043 retention of quality documents

\$0.00

Note:



Dart Aerospace Ltd. 1270 Aberdeen Street Hawkesbury, ON K6A 1K7 Tel: 613 632 9577

Fax: 613 632 1053

PURCHASE ORDER

Purchase Order ID PO36617

Purchase Order Date 6/8/2017 PO Print Date 6/8/2017

Page Number 2 of 2

Order From:

TW METALS PO BOX 933014 ALTANTA, GA 31193-3014 VU-TWM001

Ship To: DART AEROSPACE LTD

1270 ABERDEEN

HAWKESBURY, ON K6A 1K7

CANADA

Contact Name

Vendor Phone

Ship To Contact

Ship To Phone Ship Via:

Ship Acct:

585 768 5600

YRC COLLECT

Buyer

Chantal Lavoie

708 3000

Customer POID
Customer Tax #

Terms

10127-2607 Net 30

Currency

USD

FOB

FCA - (Free Carrier)

ALBERT .

Line Total:

\$0.00

PO Total:

\$270.00

Note: Terms & Condition of Purchasing(Suppliers) and Procurement Quality Clauses are an integral part of our AS9100 requirements. To learn in detail, please visit www.dartaerospace.com for further explanation.

Change Nbr:

1

Change Date:

6/8/2017